

L Number	Hits	Search Text	DB	Time stamp
1	2	(702/\$.ccls. or 700/\$.ccls.) and (detect\$3 with cavitation) and (operat\$3 with parameter) and (pump with impeller)	USPAT; US-PGPUB	2003/04/16 14:05
2	10	(702/\$.ccls. or 700/\$.ccls.) and (detect\$3 with cavitation) and (operat\$3 with parameter) and (monitor\$3 with (data or parameter))	USPAT; US-PGPUB	2003/04/16 14:06
-	38	((detect\$3 with cavitation) and (operat\$3 with parameter))	USPAT; US-PGPUB	2003/04/16 13:00
-	14	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (automatic\$4 with detect\$3)	USPAT; US-PGPUB	2003/04/11 16:44
-	3	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (automatic\$4 with detect\$3)) and (characteristic with curve)	USPAT; US-PGPUB	2003/04/11 17:19
-	16	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)	USPAT; US-PGPUB	2003/04/11 16:44
-	9	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3)	USPAT; US-PGPUB	2003/04/11 16:45
-	1	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3)) and (fluid with flow with indication)	USPAT; US-PGPUB	2003/04/11 16:46
-	1	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (pressure with indication)) and (automatic\$4 with detect\$3)) and (fluid with flow)	USPAT; US-PGPUB	2003/04/11 16:46
-	2	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (fluid with flow with indication)	USPAT; US-PGPUB	2003/04/11 16:48
-	3	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (net with positive with suction with head)	USPAT; US-PGPUB	2003/04/11 16:49
-	1	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (net with positive with suction with head)) and (alert with user)	USPAT; US-PGPUB	2003/04/11 16:49
-	7	((detect\$3 with cavitation) and (operat\$3 with parameter)) and (alert with user)	USPAT; US-PGPUB	2003/04/11 16:50
-	4	((estimat\$3 or detect\$3) with cavitation) and (characteristic with curve) and (net with positive with suction with head)	USPAT; US-PGPUB	2003/04/11 17:11
-	1	((estimat\$3 or detect\$3) with cavitation) and (memory with characteristic with curve) and processor	USPAT; US-PGPUB	2003/04/11 17:20
-	29	((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (operat\$3 with parameter)	USPAT; US-PGPUB	2003/04/11 17:15
-	9	((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (operat\$3 with parameter)) and (process\$4 with plant) and pump	USPAT; US-PGPUB	2003/04/11 18:09
-	49	cavitation and (operat\$3 with parameter) and (characteristic with curve)	USPAT; US-PGPUB	2003/04/11 17:28
-	6	(cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation)	USPAT; US-PGPUB	2003/04/15 17:31
-	4	("6332110" "6317701" "6108616" "6055483").pn.	USPAT; US-PGPUB	2003/04/11 17:28
-	0	("6332110" "6317701" "6108616" "6055483").pn.) and cavitation and (operat\$3 with parameter)	USPAT; US-PGPUB	2003/04/11 17:29
-	1	("6332110" "6317701" "6108616" "6055483").pn.) and cavitation	USPAT; US-PGPUB	2003/04/11 17:29

-	5	(cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU)	USPAT; US-PGPUB	2003/04/15 15:54
-	13	("4234925" "4319320" "4486381" "4490808" "4674279" "4683718" "4770843" "4794544" "4823018" "4994684" "5322412" "5346359" "5402332").PN.	USPAT	2003/04/15 15:51
-	0	((("4234925" "4319320" "4486381" "4490808" "4674279" "4683718" "4770843" "4794544" "4823018" "4994684" "5322412" "5346359" "5402332").PN.) and (suction with pressure)	USPAT; US-PGPUB	2003/04/15 15:53
-	3	(cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (suction with pressure)	USPAT; US-PGPUB	2003/04/15 17:15
-	2	((cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and memory and (processor or microprocessor or computer or CPU) and (suction with pressure)) and (suction with fluid with flow)	USPAT; US-PGPUB	2003/04/15 17:15
-	0	(cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and (calculat\$3 with net with position with suction)	USPAT; US-PGPUB	2003/04/15 17:33
-	1	(cavitation and (operat\$3 with parameter) and (characteristic with curve)) and ((estimat\$3 or detect\$3) with cavitation) and (net with position with suction)	USPAT; US-PGPUB	2003/04/16 06:56
-	0	702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (characteristic with curve) and ((estimat\$3 or detect\$3) with cavitat\$3) and (net with position with suction)	USPAT; US-PGPUB	2003/04/15 18:12
-	10	702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)	USPAT; US-PGPUB	2003/04/15 18:33
-	0	(702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (net with position with suction)	USPAT; US-PGPUB	2003/04/15 18:12
-	1	(702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (suction with pressure)	USPAT; US-PGPUB	2003/04/16 12:07
-	1	cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))	USPAT; US-PGPUB	2003/04/15 19:06
-	51	(operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))	USPAT; US-PGPUB	2003/04/15 19:02
-	0	((operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))) and (electrical with operating with parameter)	USPAT; US-PGPUB	2003/04/15 19:03
-	3	((operat\$3 with parameter) and (monitor\$3 with data) and (characteristic with curve with (voltage-current or voltage))) and (electrical with operating with parameter)	USPAT; US-PGPUB	2003/04/15 19:03
-	1	cavitat\$4 and (operat\$3 with parameter) and (characteristic with curve with (voltage-current or voltage))	USPAT; US-PGPUB	2003/04/15 19:06

-	2	(monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage)) and (electrical with operating with parameter)	USPAT; US-PGPUB	2003/04/16 09:10
-	152	(monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations))	USPAT; US-PGPUB	2003/04/16 07:27
-	19	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump	USPAT; US-PGPUB	2003/04/16 07:02
-	11	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter	USPAT; US-PGPUB	2003/04/16 07:02
-	9	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter) and operating	USPAT; US-PGPUB	2003/04/16 07:04
-	1	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter) and operating) and (high with frequency with fluctuations)	USPAT; US-PGPUB	2003/04/16 07:04
-	2	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and pump) and parameter) and operating) and (frequency with fluctuations)	USPAT; US-PGPUB	2003/04/16 07:26
-	4	(monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations)	USPAT; US-PGPUB	2003/04/16 07:18
-	3	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations)) and pump	USPAT; US-PGPUB	2003/04/16 07:09
-	16	(monitor\$3 with system) and (characteristic with curve) and (voltage-current or voltage or V-A) and (high with frequency with fluctuations)	USPAT; US-PGPUB	2003/04/16 09:51
-	5	((monitor\$3 with system) and (characteristic with curve) and (voltage-current or voltage or V-A) and (high with frequency with fluctuations)) and (curve with (voltage-current or voltage or V-A))	USPAT; US-PGPUB	2003/04/16 07:24
-	25	(pump with cavitat\$3) and (curve with (voltage-current or voltage or V-A))	USPAT; US-PGPUB	2003/04/16 07:28
-	1	((pump with cavitat\$3) and (curve with (voltage-current or voltage or V-A))) and (frequency with fluctuations)	USPAT; US-PGPUB	2003/04/16 07:26
-	1	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and (pump with cavitat\$3)	USPAT; US-PGPUB	2003/04/16 07:27
-	11	(curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and pump	USPAT; US-PGPUB	2003/04/16 07:43
-	5	((curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and pump) and parameter	USPAT; US-PGPUB	2003/04/16 07:30

-	1	(curve with (voltage-current or voltage or V-A)) and (high with frequency with fluctuations) and (electrical with operating with parameter)	USPAT; US-PGPUB	2003/04/16 07:39
-	0	(monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)	USPAT; US-PGPUB	2003/04/16 09:12
-	6	((monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and cavitat\$3	USPAT; US-PGPUB	2003/04/16 09:33
-	7	((monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump	USPAT; US-PGPUB	2003/04/16 09:17
-	10	(monitor\$3 with routine) and (operat\$4 with parameter) and (expert with engine) and (neural with network)	USPAT; US-PGPUB	2003/04/16 09:32
-	47	(monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)	USPAT; US-PGPUB	2003/04/16 09:50
-	9	((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and cavitat\$3	USPAT; US-PGPUB	2003/04/16 10:28

-	164	{"3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377") . PN.	USPAT	2003/04/16 09:48
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-	0	((("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377").PN.) and (expert with engine) and (neural with network)	USPAT; US-PGPUB	2003/04/16 09:48
-	19	((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump	USPAT; US-PGPUB	2003/04/16 09:50
-	3	((((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (operat\$4 with parameter)) and (characteristic with curve)	USPAT; US-PGPUB	2003/04/16 10:41
-	19	((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (operat\$4 with parameter)	USPAT; US-PGPUB	2003/04/16 12:57
-	2	(monitor\$3 with system) and (alert with cavitat\$3)	USPAT; US-PGPUB	2003/04/16 10:40

-	2	(alert with cavitat\$3)	USPAT;	2003/04/16 10:33
-	95	(monitor\$3 with system) and alert and cavitat\$3	US-PGPUB	
-	8	(monitor\$3 with system) and alert and cavitat\$3)	USPAT;	2003/04/16 10:41
-	3	(702/\$.ccls. and cavitat\$4 and (operat\$3 with parameter) and (monitor\$3 with data)) and (characteristic with curve)	US-PGPUB	2003/04/16 10:41
-	2	((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and pump) and (pump with impeller)	USPAT;	2003/04/16 12:08
-	0	("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3973184" "RE29383" "4058975" "4099413" "4102199" "4122719" "4250490" "4337516" "4399824" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4707796" "4736367" "4777585" "4831564" "4841286" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5367612" "5384699" "5386373" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510799" "5511004" "5548528" "5561599" "5570300" "5572420" "5573032" "5598521" "5600148" "5623605" "5637802" "5640491" "5661668" "5665899" "5669713" "5671335" "5675504" "5675724" "5680109" "5700090" "5703575" "5704011" "5705978" "5708585" "5713668" "5719378" "5741074" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5828567" "5829876" "5848383" "5859964" "5876122" "5887978" "5923557" "5924086" "5926778" "5940290" "5956663" "5970430" "6016706" "6017143" "6045260" "6047220" "6047222" "6119047" "6192281" "6195591" "6199018" "6263487" "6298377").PN.) and (pump with impeller)	USPAT;	2003/04/16 12:58
			US-PGPUB	2003/04/16 12:59

-	2	((monitor\$3 with system) and (operat\$4 with parameter) and (expert with engine) and (neural with network)) and (pump with impeller)	USPAT; US-PGPUB	2003/04/16 12:59
-	1	((monitor\$3 with system) and (characteristic with curve with (voltage-current or voltage or V-A)) and (high with frequency fluctuations)) and (pump with impeller)	USPAT; US-PGPUB	2003/04/16 12:59
-	6	(detect\$3 with cavitation) and (operat\$3 with parameter) and (pump with impeller)	USPAT; US-PGPUB	2003/04/16 14:03